

GARBER, Yu.N.; BOVKUN, R.A.; Primamala uchastiye; BESSENOVA, Z.

Properties of azeotropic systems formed by isomeric xylenes and styrene  
with  $C_3-C_4$  alcohols. Zhur.prikl.khim. 37 no.1:153-161 Ja '64.  
(MIRA 17:2)

1. Altayskiy politekhnicheskiy institut, Kuznetskiy filial Vostochnogo  
nauchno-issledovatel'skogo uglekhimicheskogo instituta.

GARBIELOW, Franciszek (Gliwice)

Economical corrosion-resistant construction materials and the possibilities of applying them in the food industry. Przem spozyw 16 no.1:31-38 Ja '62.

ROGINA, B., dr inz.; MILOSTIC, I., inz.; GARBIN, G., inz.

Production of agar from Yugoslav red algae. Kem ind 13  
no.3:175-181 '64.

1. Agricultural Faculty, University of Zagreb (for  
Rogina). 2. Faculty of Technology, University of Zagreb  
(for Milostic and Garbin).

GARBINSKI, J.

"Quick test for paper expansion." Reviewed by J. Garbinski.  
Przegl papier 19 no.1:31 Ja '63.

LIRO, M.; LESZCZYNSKI, Cz.; OPECHOWSKA, A.; GARBINSKI J.

Survey of papers on papermaking. Przegl ~~papier 20 no. 1:~~  
Supplement: Przegl dokum papier 15 no. 1: 1-2 Ja '64.

LESZCZYNSKI, Cz.; GARBINSKI, J.; LIRO, M.; NOWAKOWSKI, N.; OPECHOWSKA, A.;  
CZUBRYT, J.

Book reviews. Przegl papier 19 no.10:Supplement: Przegl dokum  
papier 14 no.9:1-2 0'63.

ZAJACZKOWSKI, B.; LIRO, M.; OPECHOWSKA, A.; LESZCZYNSKI, Cz.;  
GARBINSKI, J.

Review of documentations. Przegl papier 20 no. 4:  
Supplement: Przegl dokum papier 15 no. 4: 1-2 Ap '64.

LIRO, M.; LESZCZYNSKI, Cz.; ZAJACZKOWSKI, B.; OPECHOWSKA, A.; GARBINSKI, J.

Abstracts of articles. Przegl papier 20 no.6: Suppl: Przegl dokum  
papier 15 no.5:1-2 Je '64.



ZAJACZKOWSKI, B.; GARBINSKI, J.; CZUBRYT, J.; LIRO, M.; LESZCZYNSKI, Cz.;  
OPECHOWSKA, A.

Abstracts of publications on pulp and paper. Przegl papier  
20 no.8 Supplement: Przegl dokum papier 15 no.7:1-2 Ag'64

LESZCZYNSKI, Cz.; LIRO, M.; OPECHOWSKA, A.; GARBINSKI, J.; ZAJACZKOWSKI, B.

Abstracts. Przegl papier 20 no.10:Suppl.:Przegl dok  
papier 15 no.9:335-336 0 '64.

BROSS, W.; GARBINSKI, T.

Respiratory-circulatory coefficient as basis in evaluation of the effect of extrapleural pneumothorax on the circulatory and respiratory systems in plumonary tuberculosis. Gruzlica, Warszawa 18 no.3-4:545-552 July-Dec 50. (CLML 20:7)

1. Of the Second Surgical Clinic of Wroclaw Medical Academy (Director--Prof W. Bross, M.D.).

GARBINSKI, Tadeusz

MD V Some properties of tuberculosis reactants. Zofia Czełowska, Tadeusz Garbiński, and Irena Mochnacka (Med. Acad., Wrocław, Poland). *Sprawozdania Wrocław. Towar. Nauk 6, Dodatek 1, 1-12(1961)(Pub. 1955).*—Tuberculosis reactants were shown to be present in protein and in protein-free lipid fractions of pancreatic tissues. The response of guinea pigs to intravenous and intraperitoneal injection of pancreatic exts. of infected animals was dependent on the diet fed. Alina S. Szczęsniak

3

GARBINSKI, T.

5 Years of the first in Poland clinic for tuberculous. Gruslica, Warsz.  
19 no.6:790-792 Nov-Dec 51. (CJML 21:5)

1. Of the Clinic of Tuberculosis (Head—Prof. L. Wegrzynowski, M.D.)  
of Wroclaw Medical Academy.

GARBINSKI, T.; PIECHOTA, W.; PUZIEWICZ, J.

The influence of isonicotinic acid hydrazide on experimental tuberculosis in guinea pigs. Gruzlica 20 no. 6:781-787 Nov-Dec 1952. (GLML 24:2)

1. Of the Clinic of Tuberculosis (Head--Docent T. Garbinski, M.D.) of Wroclaw Medical Academy.

CZEZOWSKA, Z.; GARBINSKI, T.

Passive transfer of tuberculin allergy to guinea pig with blood from human tuberculosis. Polski tygod. lek. 8 no.6:201-204 9 Feb 1953.

(CIML 24:5)

1. Of the First Internal Clinic (Head--Prof. Zofia Czezowska, M.D.)  
and of the Clinic of Lung Tuberculosis (Head--Tadeusz Garbinski, M.D.),  
Wroclaw Medical Academy.

CZEZOWSKA, Z.; GARBINSKI, T.

Effect of desoxycorticoesterone acetate on the amount of tuberculin  
reagin in leukocytes in tuberculosis. Polski tygod. lek. 8 no.8:309--  
312 23 Feb 1953. (CJML 24:5)

1. Of the First Internal Clinic (Head--Prof. Zofia Czezowska, M.D.)  
and of the Clinic of Tuberculosis (Head--Tadeusz Garbinski, M.D.) of  
Wroclaw Medical Academy. 2. Preliminary communication.



BROSS, W.; GARBINSKI, T.

Application of bacterial enzymes in the treatment of postoperative blood clots in extrapleural pneumothorax. Gruzlica 21 no. 1:49-54 Jan 1953. (GLML 24:2)

1. Of the Second Surgical Clinic (Head--Prof. W. Bross, M.D.) and of the Clinic of Tuberculosis (Head--Docent T. Garbinski, M. D.) of Wroclaw Medical Academy.

GARBINSKI, T.; KRATOCHWIL, L.

Effect of jaundice on tuberculin reactions in man. *Gruslica* 21 no.2:  
157-160 Feb 1953. (CJML 24:4)

1. Of the Clinic of Tuberculosis (Head--Docent T. Garbinski, M.D.) of  
Wroclaw Medical Academy and of Lesne Sanatorium (Head--L. Kratochwil,  
M. D.), Oborniki Slaskie.

GARBINSKI T.

GARBINSKI T. and NIEWIADOMSKA S. Klin. gruźlicy Akad. med., Wrocławiu. Przetaczanie krwi w leczeniu gruźlicy płuc Blood transfusion in the treatment of pulmonary tuberculosis (Tuberculosis) (Warsz.) 1953, 21/7 (523-529) Tables 1

The value of blood transfusion in the treatment of pulmonary tuberculosis is still underestimated. Haemorrhage, haemoptysis, anaemia, toxæmia and anergy reflecting generally lowered resistance are considered indications for blood transfusion: the procedure should also be used widely as a preparation for surgical treatment as well as in post-operative care, in order to smooth the post-operative course and to control operative shock. The authors obtained excellent results in the treatment of complications; particularly of empyema complicating pneumothorax.

Wysocki - Poznań (XV,6)

SO: EXCEPTEA MEDICA, Vol. 8, No. 3, Section VI, March 1954

GARBINSKI, Tadeusz; NOWALANY, Juliusz

Hyaluronidase in collapse therapy in pulmonary tuberculosis.  
Polski tygod. lek. 9 no.17:530-531 26 Apr 54.

1. Z Kliniki Gruźlicy A.M. we Wrocławiu; kierownik doc. dr  
T.Garbinski.

(HYALURONIDASE, therapeutic use,  
tuberc., pulm., in collapse ther.)

(COLLAPSE THERAPY,  
hyaluronidase in)

GARBINSKI, Tadeusz; NIEWIADOMSKA, Stanisława

Empyema complicating extrapleural pneumothorax. Gruzlica 22 no.7:  
497-502 July 54.

1. Z Kliniki Gruzlicy Akademii Medycznej we Wrocławiu. Kierownik:  
doc. dr T.Garbinski.

(PNEUMOTHORAX, ARTIFICIAL,  
extrapleural, compl., empyema)  
(EMPYEMA, PLEURAL,  
in extrapleural artif. pneumothorax)

BROSS, Wiktor; GARBINSKI, Tadeusz

Biochemical decortication with hyaluronidase as a new method of treatment of chronic pleural empyemas. Gruzlica 22 no.9:635-641 Sept 54.

1. Z II Kliniki chirurgicznej Akademii Medycznej we Wroclawiu;  
kierownik prof. dr. W.Bross; i z Kliniki Gruzlicy Akademii  
Medycznej we Wroclawiu; kierownik doc. dr. T.Garbinski

(TUBERCULOSIS, PULMONARY, complications  
pleural empyema, ther., biochem. decortication with  
hyaluronidase)

(HYALURONIDASE, ther. use  
pleural empyema, biochem. decortication)

GARBULINSKI, TADEUSZ

POL. A

V Change of color of phenolphthalein in acids and alkalis.  
~~Current: CARBONACEA (Cm), Act., Wiscow, Poland.~~  
~~Research: Chem. 237-800-10 (1954) (English summary).~~ //  
 Phenolphthalein turns red in concd.  $H_2SO_4$ , 30%  $HCl$ ,  $AlCl_3$ ,  
 and  $SuCl_3$ , orange in  $HClO_4$ , and pink in  $H_3PO_4$ . The colors  
 disappear on dilg. with acids. Small impurities of  $HNO_3$   
 can be detd. in  $H_2SO_4$  because 4 p.p.m.  $HNO_3$  makes  
 $H_2SO_4$  colorless. Two ml. of impure concd.  $H_2SO_4$  (1  
 drop 0.02%  $HNO_3$  in 100 ml. concd.  $H_2SO_4$ ) discolor one  
 drop of 0.05% phenolphthalein soln. The no. of phenol-  
 phthalein drops used serve to det. the approximate impurity.  
 Victor von Jacobi

MA  
 2/28

GRABINSKI, TADEUSZ

CZESZOWSKA, Zofia; GARBINSKI, Tadeusz.

Inhibition of tuberculin reaction by certain protein fractions  
of the liver and spleen of BCG vaccinated pigs. Gruzlica 23  
no.3:141-148 Mar '55.

1. Z I Kliniki Chorob Wewnętrznych A.M. we Wrocławiu. Kierownik:  
prof.dr Z. Czesowska i Kliniki Gruzlicy A.M. we Wrocławiu. Kie-  
rownik: doc.dr T. Garbinski, Wrocław, Pasteura 18, Klin.Gruzlicy.

(TUBERCULIN REACTION

inhib.by protein fractions of liver & spleen of BCG  
vaccinated guinea pigs)

(BCG VACCINATION

tuberculin reaction inhib. by protein fractions of  
liver & spleen of vaccinated guinea pigs)

(PROTEINS,

protein fractions of liver & spleen of BCG vaccinated  
guinea pigs inhibiting tuberculin reaction)



CZEZOWSKA, Zofia; GARBINSKI, Tadeusz

Inhibition of Koch's phenomenon by certain protein fractions of the liver from guinea pig sensitized with BCG. Polski tygod. lek. 11 no.16:679-681 16 Apr 56.

1. Z I Kliniki Chorob Wewn., kier. prof. dr. Zofia Czezowska i z Kliniki Gruzlicy AM we Wroclawiu; kier. doc. dr. Tadeusz Garbinski, I Klin. Chor. Wew. Wroclaw.

(TUBERCULOSIS, experimental,

Koch's phenomenon, eff. of liver protein fractions from guinea pig sensitized with BCG (Pol))

(LIVER,

eff. of liver protein fractions from guinea pigs sensitized with BCG on Koch's phenomenon (Pol))

(BCG VACCINATION, effects, same)

BRITISH MEDICAL JOURNAL Sec.15 Vol.10/7 Chest Diseases Jul57

1748. GARBINSKI T. and LUDEWIG F. Tuberk.-Klin., Med. Akad., Wroclaw.  
Sonnenbestrahlungen bei Lungentuberkulose unter Antistin-Schutz *Sun-ray treatment*  
*of pulmonary tuberculosis under cover of Antistine* Schweiz. Z. Tuberk. 1956, 13/5  
(440-448) Tables 2 Illus. 1

Histamine, which forms in the skin in response to sunshine, and particularly to ultra-violet sun rays, has an aggravating effect upon pulmonary tb. This effect can be largely, if not completely, mitigated by administering Antistine. None of the 214 patients who were treated with ultraviolet rays deteriorated or developed complications. Sun-ray treatment—under cover of Antistine—is therefore recommended as a form of supplementary therapy for appropriately selected cases of pulmonary tb.

GARBINSKI, Tadeusz.

Late results of pneumoperitoneum treatment of 200 patients.  
Gruzlica 24 no.8:749-762 Aug 56.

1. Z Kliniki Gruzlicy A.M. we Wroclawiu, Kierownik: doc. dr. med.  
T. Garbinski.  
(PNEUMOPERITONEUM, ARTIFICIAL, statist.)

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz

Prevention of experimental tuberculin death. Gruzlica 24  
no.9:917-924 Sept 56.

1. Z Kliniki Chorob Wewnętrznych A.M. we Wrocławiu, Kierownik:  
prof. dr. Z. Czezowska i z Kliniki Gruzlicy A.M. we Wrocławiu  
Kierownik doc. dr. T. Garbinski, Adres: Wrocław, ul. Pasteura.  
(TUBERCULIN, eff.

exper. tuberculin death in guinea pigs, prev. with  
protein fraction precipitated after dilution stock  
suspension of liver extract from guinea pig vaccinated  
with BCG.)

(BCG VACCINATION, exper.

protein fraction precipitated after dilution of stock  
suspension of liver extract from vaccinated guinea pig,  
use for prev. of exper. tuberculin death in guinea pig.)

GARBINSKI, Tadeusz; NOWALANY, Juliusz; ZWOLINSKI, Jerzy

Effect of testicular hyaluronidase applied intrapleurally on development of antibodies in the treatment of chronic empyema. Gruzlica 24 no.9:933-938 Sept 56.

1. Z Kliniki Gruzlicy A.M. we Wroclawiu. Kierownik: doc. dr. med.

T. Garbinski. Adres: Wroclaw, ul. Pasteura 10.

(TUBERCULOSIS, PULMONARY, compl.

pleural empyema, chronic, eff. of hyaluronidase in intrapleural admin. on develop. of antibodies)

(HYALURONIDASE, ther. use

pleural empyema, chronic, intrapleural admin., eff. on develop. of antibodies)

GARBINSKI, Tadeusz.

Reactivity of the organism in tuberculosis. Polski tygod. lek. 12  
no.29:1126-1131 15 July 57.

1. Z Kliniki Grzylicy Akademii Medycznej we Wroclawiu; kierownik: doc.  
dr. med. Tadeusz Garbinski. Adres: Wroclaw, ul. Pasteura 10. Panstw.  
Szpital Kin Nr 1; Klin. Grzylicy.  
(TUBERCULIN REACTION,  
review (Pol))

POLAND/General Problems of Pathology - Pathophysiology of the  
Infectious Process.

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27269

Author : Garbinski, Tadeusz; Gogacz, Jan

Inst : -

Title : On the Possibility of Utilization of Experimental  
Tuberculosis of the Eye in Rabbit for Investigation of  
the Process Dynamics in Tuberculous Focus

Orig Pub : Gruzlica, 1957, 25, No 3, 189-194

Abstract : After introduction to rabbits into the camera oculi ante-  
rior of 40-80 ml of mycobacterium tuberculosis (MT) of  
human type, 3 types of tuberculous process were discove-  
red which depended on the individual characteristics of  
the animal without relation to the amount of introduced  
MT. The I type is characterized by a limited violent  
inflammatory reaction of conjunctiva and partially of  
iris with fast reverse development and scar formation.

Card 1/2

- 7 -

POLAND/General Problems of Pathology - Pathophysiology of the  
Infectious Process

U

Abs Jour : Ref Zhur Biol., No 6, 1959, 27269

In II type, a considerably development of inflammatory appearances in the eyeball leads to diffuse necrosis and destruction of the whole internal structure of the eye with a subsequent restorative reaction which was characterized by growing in of surface and deep vessels into the painfully altered cornea. This type has the character of a chronic tuberculous focus (TF) without an expressed tendency to dissemination of the disease; in other respects the animal remains practically healthy. In the III type, the infection disseminates along the lymph ducts up to regional nodes which in the final count leads to the death of animal. II type according to its course is close to chronic productive tuberculosis in man, and may be utilized for study of changes which occur under the influence of various internal and external factors in TF. -- M.A. Gruzman

Card 2/2



*Garbinski, Tadeusz*  
GARBINSKI, Tadeusz; MACHON, Zdzislaw; ZWOLINSKI, Jerzy

Possibilities of treatment of tuberculosis of the lungs with aerosols.  
Gruzlica 25 no.8:649-654 Aug 57.

1. Z Kliniki Gruziacy A.M. we Wroclawiu Kierownik: doc. T. Garbinski  
i z Zakladu Technologii Srodkow Leczniczych A.M. we Wroclawiu  
Kierownik: prof. L. Kuczynski.

(TUBERCULOSIS, PULMONARY, ther.

isoniazid, aerosol admin. (Pol))

(ISONIAZID, ther. use

tuberc., pulm., aerosol admin. (Pol))

KOWARZYK, Hugon, KOWARZYKOWA, Zofia, GARBINSKI, Tadeusz

Spatial vectogram in cardiac dyspnea. Polski tygod. lek. 13 no.18  
671-673 5 May 1958

1. (Z Ośrodka Kardiologicznego przy P.S.K. nr 1, z Zakładu Patologii  
Ogólnej i Doswiadczałnej i z Kliniki Gruźlicy Akademii Medycznej we  
Wrocławiu.) Adres: Wrocław, ul. Marcinkowskiego 1 Zakład Patologii Ogólnej  
i doswiadczałnej.

(DYSPNEA, PAROXYSMAL, physiology,  
spatial vectorcardiography (Pol))  
(VECTORCARDIOGRAPHY, in var. dis.  
spatial, in paroxysmal dyspnea (Pol))

GARBINSKI, Tadeusz; MACHON, Zdzislaw; NIEWIADOMSKA, Stanislaw; SZLENKIER, Edmund

Use of hyaluronidase to enhance effectiveness of isonicotinic acid  
hydrazide after intrabronchial instillation. Gruzlica 26 no.3:205-209  
Mar 58.

1. Z Kliniki Gruzlicy Akademii Medycznej we Wroclawiu. Kierownik: doc.  
dr med. T. Garbinski i z Zakladu Technologii Srodkow Leczniczych Akademii  
Medycznej we Wroclawiu. Kierownik: prof. dr L. Muczynski. Adres: Wroclaw,  
ul. Pasteura 10.

(TUBERCULOSIS, PULMONARY, ther,  
isoniazid with hyaluronidase adjuvant after intrabronchial  
instillation (Pol))

(HYALURONIDASE, ther. use  
adjuvant in isoniazid ther. of pulm. tuberc. after intra-  
bronchial instillation (Pol))

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz; KOTZ, Jerzy

Experimental tuberculosis in passively sensitized guinea pigs.  
Arch.immun.ter.dosw. 7 no.4:699-723 '59.  
(TUBERCULOSIS immunol.)

GARBINSKI, Tadeusz; GASIOR, Stanislaw; POMIANOWSKA, Emilia; ZWOLINSKI, Jerzy

Effect of hyaluronidase on physical properties of aerosols.  
Gruzlica 27 no.6:477-482 June 59.

1. Z Kliniki Gruzlicy A. M. we Wroclawiu Kierownik: prof. dr  
T. Garbinski i z Zakladu Fizyki A. M. we Wroclawiu.  
(HYALURONIDASE, pharmacol.) (ISONIAZID, pharmacol.)  
(AEROSOLS, pharmacol.)

GARBINSKI, Tadeusz

On certain immuno-biological characteristics of INH-resistant strains. Gruzlica 27 no.7:653-657 J1 '59.

1. Z Kliniki Ftyzjatrycznej A.M. we Wroclawiu. Kierownik: prof. dr T. Garbinski.

(MYCOBACTERIUM TUBERCULOSIS pharmacol.)

(ISONIAZID pharmacol.)

PYTASZ, Marian; GARBULINSKI, Tadeusz; KURBIEL, Andrzej; PRAZAK, Mieczysław

Electrolytes and urinary reactions in the light of experiments and statistical analysis. Acta physiol. polon. 11 no.2:251-265  
Mr-Apr '60.

1. Z Zakładu Chemii Fizjologicznej WSR we Wrocławiu, Kierownik:  
z-a prof. dr F. Wandokanty; Z Zakładu Fizjologii AM we Wrocławiu,  
Kierownik: prof. dr A. Klisiewicz; Z Zakładu Matematyki WSR we  
Wrocławiu, Kierownik: doc. dr R. Hochenberg.  
(ELECTROLYTES urine)

GARBULINSKI, Tadeusz

Determination of urea in urine by means of a hypobromite reaction based on a method for the investigation of blood gases according to Kliciecki. Acta physiol. polon. 11 no. 2: 335-340  
Mr-Apr '60.

1. Z Zakładu Fizjologii A. M. we Wrocławiu, Kierownik: prof. dr  
A. Kliciecki.

(UREA urine)  
(GASES blood)



GARBULINSKI, T.; GOSK, A.

False dilatation of the blood vessels by small doses of adrenalin.  
Acta physiol. polon. 11 no. 5/6: 703-705 '60.

1. Z Zakładu Fizjologii A.M. we Wrocławiu, Kierownik: prof. dr  
A Klisiewicz.

(EPINEPHRINE pharmacol)

(VASOMOTOR SYSTEM pharmacol)

CZEZOWSKA, Zofia; GARBINSKI, Tadeusz

Influence of cortisone on the quantity and distribution of antituberculin antibodies in the blood of human patients with tuberculosis.  
Arch.immun.ter.dosw. 9 no.2:241-252 '61.

1. I.Clinic of Internal Diseases and Clinic of Tuberculosis, School of Medicine, Wroclaw.

(CORTISONE pharmacol) (TUBERCULOSIS immunol)  
(TUBERCULIN REACTION pharmacol)

GARBINSKI, Tadeusz (Wroclaw)

Effect of hormonal therapy on the course of the antigen-antibody reaction. *Gruslica* 29 no.1:64-66 Ja '61.

(HORMONES pharmacol)

(ANTIGEN ANTIBODY REACTION pharmacol)

GARBINSKI, Tadeusz; RZESZUTKO, Bronislaw

Evaluation of the cough test with acetylcholine. Gruzlica 29 no.3:  
269-272 Mr '61.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr med.  
T. Garbinski.

(COUGH) (ACETYLCHOLINE pharmacol)

GARBINSKI, Tadeusz; RANDOWA, Danuta; RZESZUTKO, Bronislawa

Clinical value of establishing residual and total pulmonary capacity in chronic respiratory diseases. Gruzlica 29 no.4:337-342 Ap '61.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr med. T. Garbinski.

(RESPIRATION)

GARBINSKI, Tadeusz; DUDEK, Zygmunt

Phagocytosis of bacilli by the leukocytes in experiments in vivo.  
Gruzlica 29 no.5:409-413 My '61.

1. Z Kliniki Gruzielicy AM we Wroclawiu Kierownik: prof. dr med.  
T. Garbinski.

(PHAGOCYTOSIS) (MYCOBACTERIUM TUBERCULOSIS)

GARBINSKI, Tadeusz; DUDEK, Zygmunt

Behavior of phagocytic reactions in vivo in guinea pigs vaccinated with BCG. Gruzlica 29 no.10:851-855 0 '61.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr med.  
T.Garbinski.

(BCG VACCINATION exper)

(PHAGOCYTOSIS)

GARBINSKI, Tadeusz; RANDOWA, Danuta

Forms of ventilation insufficiency. Gruzlica 29 no.11:917-923 N '61.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr T. Garbinski.

(RESPIRATORY SYSTEM dis)



GARBINSKI, Tadeusz

Clinical evaluation of respiratory function tests methods. Polskie  
arch. med. wewn. 31 no.9:1209-1225 '61.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr med. T.  
Garbinski.

(RESPIRATION physiol)

POLAND

Tadeusz GARBINSKI, Danuta RANDOWA and Stanislaw SIEPAWSKI, Tuberculosis  
Clinic of College of Medicine (Klinika Gruzlicy AM [Akademii Medycznej])  
Head (kierownik) Prof Dr Tadeusz GARBINSKI, Wroclaw.

"Diffusion Capacity in Chronic Pulmonary Diseases."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 46, 12 Nov 1962; pp  
1777-1779.

Abstract [English summary modified]: The pulmonary diffusion volume was  
estimated by the oxygen method in 59 patients, and results compared with  
those of spirographic ventilation data. Lowest diffusion was in patients  
with military tuberculosis and pneumoconiosis; ventilation impairment in  
these patients was minimal or absent. Table, equation, 11 Western ref's.

1/1

FALKIEWICZ, A.; GARBINSKI, T.; KLECZENSKI, A.; RANDOWA, D.

Respiratory function in diseases of the circulatory system. I. On the usefulness of pneumonological studies in cardiology. Kardiologia polska. 5 no.4:255-260 '62.

1. Z II Kliniki Chorob Wewnętrznych. Kierownik: prof. dr A. Falkiewicz  
i z Kliniki Gruzlicy AM we Wrocławiu. Kierownik: prof. dr T. Garbinski.  
(RESPIRATORY FUNCTION TESTS) (CARDIOVASCULAR DISEASES)

GARBINSKI, Tadeusz; RANDOWA, Danuta

The compliance index in chronic lung diseases. Pol. tyg. lek. 17 no.31:  
1213-1215 30 J1 '62.

1. Z Kliniki Gruzlicy AM we Wroclawiu; kierownik: prof. dr T. Garbinski.  
(LUNG DISEASES) (RESPIRATORY FUNCTION TESTS)

GARBINSKI, Tadeusz; RANDOWA, Danuta; SIERAWSKI, Stanisław

Diffusion capacity in chronic pulmonary diseases. Pol. tyg. lek.  
17 no. 46:1777-1779 12 N '62.

1. Z Kliniki Gruzlicy AM we Wroclawiu; kierownik: prof. dr med.  
Tadeusz Garbinski.  
(LUNG DISEASES) (RESPIRATORY FUNCTION TESTS)

POLAND

GARBINSKI, Tadeusz, DERUBSKA, Barbara, and RZESZUTKO, Bronislawa, Tuberculosis Clinic (Klinika Gruzlicy), AM [Akademia Medyczna, Medical Academy] in Wroclaw (Director: Prof. Dr. med. Tadeusz GARBINSKI)

"Pulmolithiasis. Report of Two (2) Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 37, 9 Sep 63, pp 1390-1393

Abstract: [Authors' English summary] Authors discuss pulmolithiasis as a special disease. They distinguish two forms in accordance with size and location, namely microlithiasis and macrolithiasis, which maybe divided into broncho-, pulmo-, and nodolithiasis. They describe two cases of microlithiasis and broncholithiasis. There are 10 references: one each Soviet, Polish, and German, and 7 Western.

1/1

18

FALKIEWICZ, A.; GARBINSKI, T.; KLECZENSKI, A.; RANDOWA, D.

The respiratory system in obstructive and restrictive  
respiratory insufficiency. Kardiol. pol. 6 no.1:19-26 '63.

1. Z II Kliniki Chorob Wewnętrznych Kierownik: prof. dr A.  
Falkiewicz i z Kliniki Gruźlicy AM we Wrocławiu Kierownik:  
prof. dr T. Garbinski.

(RESPIRATORY INSUFFICIENCY)  
(PULMONARY HEART DISEASE)  
(HYPERTENSION, PULMONARY)

GARBINSKI, Tadeusz; RANDOWA, Danuta; RZESZUTKO, Bronislaw

The nitrogen mixing time in the lungs (nitrogen clearance)  
and defective ventilation. Gruzlica 30 no.7:599-603 '62.

1. Z Kliniki Gruzlicy AM we Wroclawiu Kierownik: prof. dr med.  
T. Garbinski.

(RESPIRATORY FUNCTION TESTS) (NITROGEN)



CARBULINSKI, Tadeusz; DEBOWY, Jozef

High-energy heart phosphates under the influence of histamine.  
Acta physiol. Pol. 15 no.5:643-649 S.-D '64

1. Z Katedry i Zakladu Farmakologii Wyzszej Szkoły Rolniczej  
we Wrocławiu (Kierownik: doc. dr. T. Carbulinski).

GARBINSKI, Tadeusz; SOSNOWSKI, Karol; ZWOLINSKI, Jerzy, ORNOWSKI, Stanislaw

Chondro-osteoplastic tracheo-bronchopathy. Gruzlica 32 no.2:  
159-161 F'64

1. Z Kliniki Gruzlicy AM we Wroclawiu (Kierownik: prof.dr.med.  
T.Garbinski) i z Sanatorium MSW w Glucholazach (Dyrektor: dr.  
med. S.Ornowski).

\*

POLAND

GARBULINSKI, Tadeusz; KOZAR, Zbigniew; BUBIEN, Zenon; IEBOWY, Jozef; BIELINSKI,  
Edward

1. Dept. of Pharmacology, Higher School of Agriculture, Wroclaw;
2. Dept. of Parasitology, Higher School of Agriculture, Wroclaw;
3. Dept. of Physics, Higher School of Agriculture, Wroclaw;
4. Laboratory of Anthroponoses, Polish Academy of Sciences, Wroclaw

Warsaw, Acta parasitologica polonica, Fasc. 27, Sept 1965, pp 275-282

"p<sup>32</sup> incorporation into energetic phosphates of the heart and skeletal muscles in rats infected with Trichinella spiralis." (This work was supported in part by the U.S. Dept. of Agriculture, Agricultural Research Service, Grant No. FG-Po-148.)

SEITAN, I.; GARBIS, A.; VUJA, O.

Subacute granulomatous polyneuritis. (Its relation to primary  
granulomatosis). Stud. cercet. neurol. 10 no.2:111-115 Mr'65.

GARBIS, Ion

Utilization of the crane at the maximum capacity. Constr Dec 16  
no.74583 18 Ap '64.

1. Mecanic la statia nr. 1, Bucuresti a Trustului de utilaj greu.

L 27867-66 EWT(m)/EWA(h) GS  
ACC NR: AT5023946

UR/0000/65/000/000/0338/0341

AUTHOR: Yakovleva, G.V.; Garbolyauskas, Ch.A.; Styro, B.I.; Shvedov, N.P.

TITLE: Radioactive fallouts in Vil'nyus in 1962

Source: Nauchnaya konferentsiya po yadernoy meteorologii. Obninsk, 1964. Radioaktivnyye izotopy v atmosfere i ikh ispol'zovaniye v meteorologii (Radioactive isotopes in the atmosphere and their utilization in meteorology); doklady konferentsii. Moskva, Atomizdat, 1965, 338-341

TOPIC TAGS: radioactive fallout, radioisotope, radioactive contamination

ABSTRACT: Radioactive fallout products of the atmosphere were collected monthly, evaporated and incinerated. The ashes were analyzed by a scintillation gamma spectrometer. The distribution of monthly average individual and total activity was plotted by months. It revealed a shift of the usual spring maximum toward the summer of 1962, probably due to the unusually generous precipitation during the summer. The increase of fallout activity toward December of 1962, exceeding 200 microcuries/square kilometer, month can be explained by the arrival of fresh fission products. This was confirmed by plots of the activity ratios:

$$\frac{^{141}\text{Ce}}{(\text{Ce} + \text{Pr})} \frac{^{144}}{\text{and}} \frac{(\text{Zr} + \text{Nb})^{95}}{(\text{Ce} + \text{Pr})^{144}}$$

The second ratio showed a sudden rise in August - November. The cumulative fallouts

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ACC NR: AT5023946

0  
were calculated with the consideration of the intrinsic decay. For (Ce - Pr)<sup>144</sup>, they reached the level of 80 microcuries/ square kilometer. The dose from the gamma radiation of the deposited fission products, at a height of 1 meter from the ground was slightly over 10 mr/year. The orig. art. has 3 figures.

ASSOCIATION: 00

SUBMITTED: 00

ENCL: 00

SUB CODE: 18,08

NO REF SOV: 000

OTHER: 000

(18)

Card 2/2 20

GARROR, J. 1951

(Pharm. Inst., U. of Szeged)

"Blockade of the Reticuloendothelial System and the Renal Tubules."

Acta Physiol (Budapest) 1951, 2/1 suppl. (3-4)

Abst: Exc. Med. 11, Vol. 5, No. 11, P. 1278



GARBOVSKIY, E.A., kand. tekhn. nauk, dotsent.

Hydraulic calculation of the principal elements of runoff  
regulatory reservoirs of a hydroelectric power station  
with pressureless derivation. Izv. vys. ucheb. zav.; energ.  
7 no. 7:66-73 J1 '64 (MIRA 17:8)

1. Severo-Kavkazskiy gornometallurgicheskiy institut. Pred-  
stavlena kafedroy arkhitektury, gidravliki i sanitarnoy  
tekhniki.

GARBOVSKIY, E.A., kand.tekhn.nauk, dotsent

Special features of the initial stage of the wave condition in nonpressure-type diversion structure of a hydroelectric power station having a basin with 24-hour regulation. Izv.vys.ucheb. zav.; energ. 8 no.12:77-83 D '65. (MIRA 19:1)

1. Severo-Kavkazskiy gornometallurgicheskii institut. Predstavlena kafedroy arkhitektury i stroitel'nykh konstruktsiy. Submitted February 22, 1965.

BORDYUGOVSKIY, D.I.; GARBOVITSKIY-GORDON, A.I.; DOBROVINSKIY, I.M.

Flexible boom for an overhead push conveyor. Mashinostroenie  
no.3:91-92 My-Je '63. (MIRA 16:7)

(Conveying machinery)

GROZA, V.F., kand. tekhn. nauk, dotsent; GARDOVITSKIY-GORDON, A.I.,  
iz zh.

Calculating the adjusting drive of rope-twisting machines.  
Izv. vuz. ucheb. zav.; mashinostr. no. 10:150-154 '65  
(MIRA 19:1)

1. Khar'kovskiy politekhnicheskii institut. Submitted February  
6, 1965.

GARBOVITSKIY, G.L., inzh.

On the theory of flat eccentric screening machines. Stroi i dor.  
mashinoatr. 3 no.11:28-31 N '58. (MIRA 11:11)  
(Screens (Mining))

GARBOVITSKIY, G. L., Candidate of Tech Sci (diss) -- "Investigation of the dynamics of flat screens with circular movement". Khar'kov, 1959. 17 pp (Min Higher Educ Ukr SSR, Khar'kov Automobile and Road Inst), 170 copies (KL, No 21, 1959, 115)

GARBOVITSKIY, G.L., kand.tekhn.nauk

Possibility of increasing the work efficiency of the GGR screen.  
Izv. vys.ucheb. zav.; gor. zhur. no.2:149-152 '61. (MIRA 14:3)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut. Rekomendovana  
kafedroy detaley mashin i reoriy mashin i mekhanizmov Khar'kovskogo  
avtomobil'no-dorozhnogo instituta.  
(Screens(Mining))

GARBOVSKIY, E.A., inzh.

Diagrams for calculating trapezoidal bridge spans. Transp. stroi.  
8 no.9:31-32 S '58. (MIRA 11:10)  
(Bridge construction)



GARBOVSKIY, E.A., inzh.

Some aspects of planning bridges over reservoir inlets. Transp.  
stroil. 9 no.2:45-49 P '59. (MIRA 12:5)  
(Bridge construction) (Reservoirs)

GARBOVSKIY, E. A., Cand Tech Sci -- (diss) "Calculation of openings in water-passing devices under the conditions of periodic change in the stream direction." Moscow, 1960. 20 pp; with charts; (Moscow Inst of Water Economy Engineers im V. R. Vil'yams); 150 copies; price not given; (KL, 18-60, 151)

BAYDALINOV, V.A., inzhener-kapitan 1 ranga zapasa Voenno-Morskogo Flota;  
GARBOVSKIY, K.K., polkovnik zapasa Voenno-Morskogo Flota

Give greater attention to inventions and efficiency promotion.  
Mor.sbor. 44 no.3:60-69 Mr '61. (MIRA 14:4)  
(Naval art and science--Technological innovations)

CARBONACEOUS Fossils from the Skapa region in the western  
borderland of the Lowland Acta geol Pol 13 no.1, 1962, p.1-11.

Upper Cretaceous fossils from the Skapa region in the western  
borderland of the Lowland. Acta geol Pol 13 no.1, 1962, p.1-11.

1. Department of Stratigraphy and Laboratory of Micropaleontology  
of the Institute of Geological Sciences of the Polish Academy of  
Sciences, Warsaw. Submitted February 1962.

GARBULINSKI, TADEUSZ

PPLAND/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19612

Author : Tadeusz Garbulinski

Inst : -

Title : Detection of Nitrite and Nitrate Traces with Phenolphthalein, Hydrogen Peroxide and Sulfuric Acid.

Orig Pub: Roczn. Chem., 1955, 29, No 4, 1109 - 1111.

Abstract: The presence of  $H_2O_2$  increases the sensitivity of the previously described method of detection of  $HNO_3$  and its salts based on the discoloration of the rose solution of phenolphthalein (I) in concentrated  $H_2SO_4$  (RZhKhim, 1955, 31825). This method is applicable also to the detection of nitrites. 1 drop of the 0.05% alcohol solution

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POLAND/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19612

of I and several drops of the tested solution are added to 4 to 5 ml of chemically pure  $H_2SO_4$ . When 1 drop of 0.25%  $H_2O_2$  is added, the mixture will lose the color. If nitrates are present, discoloration will take place without adding  $H_2O_2$ . In order to determine nitrates, a reagent consisting of 50 ml of 0.05% alcohol solution of I and 1 drop of 30%  $H_2O_2$  is recommended. If the determination of nitrites and nitrates in unpurified  $H_2SO_4$  was done, the reaction is carried out directly in a sample of the tested acid. A High concentration of nitrates in  $H_2SO_4$  interferes with the appearance of coloration of I. The sensitivity of the method is 1 : 1,500,000. The author assumes that

Card 2/3

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GARBOLINSKI, T.

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· POLAND/Human and Animal Physiology (Normal and Pathological).  
Blood Circulation. Blood Vessels.

T-5

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50836

Author : Garbulinski, T.

Inst : Polish Academy of Sciences.

Title : Vascular Reactions of Active Skeletal Muscles to Various  
Adrenalin Dosages.

Orig Pub : Byul. Pol'skoy AN, Otd. 2, 1956, 4, No 9, 351-353.

Abstract : With the aid of a photohemotachometer the effect which was  
produced by various doses of adrenalin upon the vessels of  
active skeletal muscles was studied in dogs. Various dosa-  
ges of adrenalin and noradrenalin produced only a constrict-  
tion of muscle arteries, the muscle being at rest and in  
action. Upon administration of large doses of adrenalin,  
a connection was established between accelerated blood

Card 1/2

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GARBULINSKI, T.

POLAND/General Problems of Pathology - Shock.

S-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71378

Author : Garbulinski, T., Strzelczyk, P.

Inst :

Title : Intravenous and Intra-Arterial Transfusions in Histamine Shock.

Orig Pub : Acta phisiol. polon., 1956, 7, No 2, 223-228

Abstract : During histamine shock dogs were transfused intravenously or intraarterially with large quantity of oxygen-saturated blood, in an attempt to maintain the pressure at a high level. In spite of the excess of oxygen in the blood, soon after the introduction of histamine, heart failure occurred. The reason for histamine shock appears to be the insufficient heart capacity for work and not the oxygen deficiency in the heart muscle.

Card 1/1

- 17 -

GARBULINSKI, T.; STRZELCZYK, P.; LINDNER, I.

Photo-hemotachometric analysis during dye shock. Acta physiol. polon.  
8 no.1:63-75 1957.

1. Z Zakladu Fizjologii A. M. we Wroclawiu Kierownik: prof. dr A.  
A. Klisiecki.

(BLOOD CIRCULATION,

photo-hemotachometric determ. in exper. shock  
induced with dyes (Pol))

(SHOCK, experimental,

photo-hemotachometric analysis in exper. shock  
induced with dyes (Pol))

EXCERPTA MEDICA Sec.2 Vol.10/10 Phy.Biochem. Oct 57  
GARBULINSKI T.

4359. GARBULINSKI T. and BULA B. Zakt. Fizjol. A. M. i Zakt. Fizjol. W.S.W.F., Wrocław. \*Nieswoistość reakcji narządu krążenia na bodźce z 'izolowanej kończyny' i ich fotohemotachometryczna analiza. Unspecific reaction of the circulatory system to 'isolated extremity' stimuli and their photohaemotachometric analysis ACTA PHYSIOL. POL. 1957, 8/1 (77-92) Graphs 9

Evidence characterizing the unspecific reaction of the circulatory system to stimuli of the isolated extremity is cited and the course of the haemodynamic changes developing in these reflex reactions is analysed. The discussion is based upon kymograms and photograms obtained with Cybulski's photohaemotachometer modified by Klisiecki. The paper also contains critical remarks concerning the application of the method of the isolated organs in investigations on angioreception. The majority of experiments were performed with acetylcholine. Adrenaline, histamine, arsenates, 0.1 N-HCl, 0.1 N-NaOH,  $HgCl_2$ , NaCl, KCl, atropine, strychnine, nitroglycerin and various concentrations of glucose were also examined. Three successive reflex reactions of the circulatory and respiratory systems in the same animal and to the same acetylcholine doses introduced at short intervals to a Ringer-Locke solution (38°, 120 mm.Hg) perfusing the vessels of the rabbit's isolated hind limb are illustrated. The non-uniformity of the reaction proves the unspecific action of acetylcholine of the isolated parts of the body. If separate electric stimuli (3 per sec.) have been associated with the acetylcholine stimulus, one obtains as a rule reverse reactions of the arterial pressure from those when these stimuli acted separately. The power of the chemical stimulus is added to the electric stimulus, the acetylcholine action is summed with the influence of separate electric stimuli and evokes effects of tetanic current action. In the search for proofs for specific acetylcholine action the Kosztójanc and Turpajew method was used concerning the abolition of acetylcholine action by blocking the free SH groups in tissues by means of salts of heavy metals. The negative result of the experiments is presented.

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CONT.

With regard to acetylcholine, the atropine action was investigated but the results were also non-uniform. The reflexes of the circulatory system to the osmotic stimuli acting from the isolated extremity of the rabbit indicate that there are no qualitative differences in the reflex action to NaCl, KCl and glucose. Therefore there are no convincing grounds to consider chloride as a selective stimulus for testing the sensibility of receptors. Na salts being less toxic than K salts, are more suitable for this purpose. This is especially important in the experiment in which other chemical stimuli are used following such a control test. The photo-haemotachometric analysis of the course of the circulatory system's depressive reaction to the acetylcholine stimulus acting from the isolated extremity, indicated the heart's and vessel's cooperation in this reflex. The depressive heart reflex is independent of the vagus nerve. Due to the dilatation to the vessels, the photo-haemotachometer records a distinct increase of the blood flow when the blood pressure begins to rise from the depression of 20 mm.Hg. The blood pressure fall and bradycardia which is especially pronounced after administration of the

POLAND / Human and Animal Physiology. Blood Circulation.

T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3413

Author : ~~Garbulinski~~, T.; Popadiuk, L.; Bula, B.

Inst : Not given

Title : Mechanical and Other Influences on the Blood Circulation  
in Active Skeletal Muscles

Orig Pub : Acta physiol. polon., 1957, 8, No 2, 165-178

Abstract : The blood flow in the arteries and veins of the hind limb and in the abdominal aorta was recorded in dogs under narcosis by means of a photochematachometer. Rhythmic compression of the limb and, to a lesser degree, stimulation of the muscles or of the sciatic nerve by an electric current and heat, led to an increase of the blood flow which attests to the great importance that the mechanical compression of vessels by muscular fibers has for blood circulation increase in contracting muscle

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POLAND / Human and Animal Physiology. Blood Circulation.

T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3413

(so-called post-contraction effect upon the blood flow-increase); 83.4% of the blood circulation increase is due to the mentioned mechanical factor. Adenylic acid and nitroglycerin increased the blood flow sharply. Adrenalin in doses of  $10^{-15}$  mg/kg had no effect on the blood circulation; in larger doses its effect was that of vasoconstriction and deterioration of the blood circulation in contracted and resting muscle. -- S. Ya. Marmorshteyn

Card 2/2

GARBULINSKI, T.; BACIA, D.; TABORSKA, J.

Peripheral vasodilatation in normal conditions of the heart. Acta physiol. polon. 8 no.3:323-325 1957.

1. Z Zakladu Fizjologii A. M. we Wroclawiu. Kierownik: prof. dr A. Klisiecki.

(CARDIOVASCULAR SYSTEM, physiology,  
peripheral vasodilatation in normal cardiac cond. (Pol))

GARBULINSKI, T.

Problem of adrenalin and acetylcholine in the coronary vessels. Acta  
physiol. polon. 8 no.3:326-328 1957.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A. Klisicki.  
(CORONARY VESSELS, effect of drugs on,  
acetylcholine & epinephrine (Pol))  
(ACETYLCHOLINE, effects,  
on coronary vessels (Pol))  
(EPINEPHRINE, effects,  
same)



GARBULINSKI, T.

Cardiac anemia in chemical shock. Acta physiol. polon. 8 no.3:328-330  
1957.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A.  
Klisiecki.

(SHOCK, experimental,  
eff. on heart blood pressure (Pol))  
(HEART, physiology,  
blood pressure in exper. shock (Pol))  
(BLOOD PRESSURE,  
intracardiac, in exper. shock (Pol))

GARBULINSKI, T.

KLISIECKI, A.; GARBULINSKI, T.; STRZELCZYK, P.

Venous blood flow following intra-arterial administration of histamine.  
Acta physiol. polon. 8 no.3:381-383 1957.

1. Z Zakladu Fizjologii A. M. we Wroclawiu Kierownik: prof. dr A. Klisiecki.  
(HISTAMINE, effects,  
on venous pressure, intra-arterial admin. (Pol))  
(BLOOD PRESSURE, effect of drugs on,  
histamine on venous pressure, intra-arterial admin. (Pol))

KLISIECKI, A.; GARBULINSKI, T.; STRZELCZYK, P.

Experimental peptic ulcer in hypophysectomized rats. *Acta physiol. polon.* 8 no.3:383-385 1957.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A. Klisiński.  
(PEPTIC ULCER, experimental,  
eff. of hypophysectomy (Pol))  
(HYPOPHYSECTOMY, effects,  
on exper. peptic ulcer (Pol))

Country : POLAND

T

Category: Human and Animal Physiology. Circulation.  
Blood Vessels

Abs Jour: RZhBiol., No 19, 1958, 88859

Author : Garbulinski, T.; Popadiuk, L.; Dula, B.

Inst : -

Title : The Effect of Massage and Muscular Contractions on  
Blood Circulation.

Orig Pub: Polski. tygod. lekar., 1957, 12, No 11, 381-383

Abstract: The circulation in the posterior extremities of a  
dog during massage and muscular contractions was  
studied with the aid of a photo-hemo-tachometer of  
Cybulski-Klisciowski, adapted for simultaneous mea-  
surement of the blood movement in arteries and  
veins. A positive effect of exercise of the posterior

Card : 1/3

T-43

Country : POLAND

T

Category: Human and Animal Physiology. Circulation.  
Blood Vessels

Abs Jour: RZhBiol., No 19, 1958, 88859

extremities on the movement of blood in the abdominal aorta was demonstrated. The blood flow (Q) in the femoral artery at rest consisted of 2.2 ml per sec., and following compression of the muscles of the thigh it increased to 5.14 ml per sec. Muscular contractions of the extremities significantly increased the blood flow in the femoral artery and vein. A particularly large blood flow took place at the end of the contraction. Of all the factors increasing the flow of blood through the blood vessels of a working muscle the participation of mechanical factors consists of 80%. Repeated flexion of the posterior extremities, simulating running,

Card : 2/3

Country : POLAND

Category: Human and Animal Physiology. Circulation.  
Blood Vessels

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Abs Jour: RZhBiol., No 19, 1958, 88859

considerably improves the blood flow in the abdominal aorta. When both extremities are flex simultaneously and very energetically, the blood flow, at the time of the contraction, slows down. The slackening of the blood vessels seems to be a factor facilitating the inflow of blood into the blood vessels of a working organ. -- From the authors' summary.

Card : 3/3

T-44

GARBULINSKI, Tadeusz

Comparative studies on the effect of adrenalin, acetylcholine and of other vasomotor drugs on the coronary circulation. Acta physiol. polon. 9 no.2:179-201 1958

1. Z Zakladu Fizjologii A.M. we Wroclawiu. Kierownik: prod. A. Klisiecki.  
(EPINEPHRINE, effects,  
on coronary circ., comparison with other vasomotor drugs  
(Pol))  
(ACETYLCHOLINE, effects,  
same (Pol))  
(CORONARY VESSELS, effect of drugs on,  
acetylcholine & epinephrine, comparison with other vasomotor  
drugs (Pol))

GARBULINSKI, T.; PYTASZ, M.; BUIA, B.

Effect of neurohormones on pulmonary arterial circulation. Acta  
physiol. polon. 10 no.1:47-57 Jan-Feb 59.

1. Z Zakladu Fizjologii A.M. we Wroclawiu Kierownik: prof. dr A.  
Klisiecki.

(ARTERIES, PULMONARY, eff. of drugs or,  
neural mediators on circ. (Rus))



GARBULINSKI, T.; ROSOWSKI, F.; ROSOWSKA, B.; BACIA, D.

Flow of the blood through the liver in dogs following intravenous injections of neurohormones. The hepatic barrier. Acta physiol. polon. 10 no.5:571-584 Sept-Oct 59.

1. Z Zakladu Fizjologii A. M. we Wroclawiu Kierownik: prof. dr. A. Klisicka z I. Kliniki Chirurgicznej A. M. we Wroclawiu Kierownik: prof. dr K. Czyzewski.

(LIVER, blood supply) (EPINEPHRINE, pharmacol.)

(ACETYLCHOLINE, pharmacol.) (HISTAMINE, pharmacol.)

GARBULINSKI, T.; ROSOWSKI, Fr.; ROSOWSKA, B.; BACIA, D.

Photohemotachometric analysis of the effect of neurohormones on hepatic circulation. Acta physiol. polon. 10 no.5:585-595 Sept-Oct 59.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A. Klisicki z I Kliniki Chirurgicznej A. M. we Wrocławiu Kierownik: prof. dr K. Czyzewski.

(LIVER, blood supply) (EPINEPHRINE, pharmacol.)

(ACETYLCHOLINE, pharmacol.) (HISTAMINE, pharmacol.)

GARBULINSKI, T.

On the nature of the "post-contractile effect" and selective excitation of the vasomotor nerves in non-curarized skeletal muscles. Acta physiol.polon. 11 no.5/6:698-699 '60.

1. Z Zakladu Fizjologii A.M. we Wroclawiu. Kierownik: prof.dr A.Klislecki.

(VASOMOTOR SYSTEM physiol)  
(MUSCLES blood supply)

GARBULINSKI, T.

Central and local circulatory reflexes in the skeletal muscles.  
"relaxation" nerves. Acta physiol.polon. 11 no.5/6:699-700 '60.

1. Z Zakladu Fizjologii A.M. we Wroclawiu. Kierownik: prof.dr.  
A. Klisiecki.

(VASOMOTOR SYSTEM physiol)  
(MUSCLES blood supply)